

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>AST76 (WO)</b>	<b>FOR FURTHER ACTION</b> <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. <b>PCT/GB2006/004954</b>	International filing date (day/month/year) <b>29/12/2006</b>	(Earliest) Priority Date (day/month/year) <b>30/12/2005</b>
Applicant  <b>ASTEX THERAPEUTICS LIMITED</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of:



the international application in the language in which it was filed



a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,



the text is approved as submitted by the applicant



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_



as suggested by the applicant



as selected by this Authority, because the applicant failed to suggest a figure



as selected by this Authority, because this figure better characterizes the invention

b. ☒ none of the figures is to be published with the abstract



## INTERNATIONAL SEARCH REPORT

International application No

PCT/GB2006/004954

## A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K31/4155 A61K31/4184 C07D403/04 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data, EMBASE, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/048868 A1 (EDWARDS MICHAEL L [US] ET AL) 11 March 2004 (2004-03-11) page 1 claim 1	1-162
X	WO 2004/096792 A (AVENTIS PHARMA SA [FR]) 11 November 2004 (2004-11-11) page 2 claim 8; example 19	1-162
X	WO 2005/005414 A (PHARMACIA ITALIA SPA [IT]; GAVINA BERTA DANIELA [IT]; FORTE BARBARA [I]) 20 January 2005 (2005-01-20) page 3; claim 1	1-162
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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

14 May 2007

Date of mailing of the international search report

06/06/2007

Name and mailing address of the ISA/

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## INTERNATIONAL SEARCH REPORT

International application No

PCT/GB2006/004954

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/002552 A (ASTEX TECHNOLOGY LTD [GB]; BERDINI VALERIO [GB]; O'BRIEN MICHAEL ALIST) 13 January 2005 (2005-01-13) pages 10-11 claim 1  -----	1-162



# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/GB2006/004954

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2004048868	A1	11-03-2004	US 2006014756 A1	19-01-2006
WO 2004096792	A	11-11-2004	EP 1633738 A2	15-03-2006
			FR 2854159 A1	29-10-2004
			JP 2006524668 T	02-11-2006
WO 2005005414	A	20-01-2005	BR PI0411863 A	08-08-2006
			CA 2531751 A1	20-01-2005
			EP 1648884 A2	26-04-2006
			MX PA06000302 A	18-04-2006
WO 2005002552	A	13-01-2005	AU 2004253338 A1	13-01-2005
			CA 2531050 A1	13-01-2005
			EP 1648426 A2	26-04-2006
			KR 20060082847 A	19-07-2006
			MX PA05014223 A	03-07-2006